

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

IN RE APPLICATION OF: Giampiero DE LUCA

SERIAL NO: New U.S. PCT Application Based on PCT/EP03/50303

GAU:

FILED: Herewith

EXAMINER:

FOR: USE OF COMPOUNDS FOR INCREASING SPERMATOZOA MOTILITY

**INFORMATION DISCLOSURE STATEMENT UNDER 37 CFR 1.97**

COMMISSIONER FOR PATENTS  
ALEXANDRIA, VIRGINIA 22313

SIR:

Applicant(s) wish to disclose the following information.

**REFERENCES**

- ☒ The applicant(s) wish to make of record the references listed on the attached form PTO-1449. Copies of the listed references are attached, where required, as are either statements of relevancy or any readily available English translations of pertinent portions of any non-English language references.
- ☐ A check or credit card payment form is attached in the amount required under 37 CFR §1.17(p).

**RELATED CASES**

- ☐ Attached is a list of applicant's pending application(s), published application(s) or issued patent(s) which may be related to the present application. In accordance with the waiver of 37 CFR 1.98 dated September 21, 2004, copies of the cited pending applications are not provided. Cited published and/or issued patents, if any, are listed on the attached PTO form 1449.
- ☐ A check or credit card payment form is attached in the amount required under 37 CFR §1.17(p).

**CERTIFICATION**

- ☐ Each item of information contained in this information disclosure statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this statement.
- ☐ No item of information contained in this information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application or, to the knowledge of the undersigned, having made reasonable inquiry, was known to any individual designated in 37 CFR §1.56(c) more than three months prior to the filing of this statement.

**DEPOSIT ACCOUNT**

- ☒ Please charge any additional fees for the papers being filed herewith and for which no check or credit card payment is enclosed herewith, or credit any overpayment to deposit account number 15-0030. A duplicate copy of this sheet is enclosed.

Respectfully submitted,

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Form PTO 1449 (Modified)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY DOCKET NO. 263388US0PCT		SERIAL NO. New U.S. PCT Application Based on PCT/EP03/50303	
LIST OF REFERENCES CITED BY APPLICANT				APPLICANT Giampiero DE LUCA			
				FILING DATE Herewith		GROUP	
U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						
	AL						
	AM						
	AN						
FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY	TRANSLATION YES NO		
	AO	01 07021	02/01/01	WO			NO
	AP	02 051409	07/04/02	WO			NO
	AQ	86 07056	12/04/86	WO			NO
	AR	64820	11/15/78	RO (English abstract only)			NO
	AS	0 635 268	01/25/95	EP			NO
	AT	0 648 492	04/19/95	EP			NO
	AU	0 658 343	06/21/95	EP			NO
OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, etc.)							
	AV	VANHAESEBROECK, Bart et al. "Phosphoinositide 3-kinases: a conserved family of signal transducers", Trends Biochem. Sci., vol. 22, pages 267-271 1997					
	AW	VLAHOS, Chris J. et al. "A Specific Inhibitor of Phosphatidylinositol 3-Kinase, 2-(4-Morpholinyl)-8-phenyl-4H-1-benzopyran-4-one (LY294002)", Journal of Biological Chemistry, vol. 269, no. 7, pages 5241-5248 1994					
	AX	VLAHOS, Chris J. et al. "Investigation of Neutrophil Signal Transduction Using a Specific Inhibitor of Phosphatidylinositol 3-Kinase", The Journal of Immunology, vol. 154, pages 2413-2422 1995					
	AY	EDWARDS, R.G. "Widening perspectives of intracytoplasmic sperm injection", Nature Medicine, vol. 5, no.4, pages 377-378 1999					
	AZ	LUETJENS, Craig Marc et al. "Non-random chromosome positioning in human sperm and sex chromosome anomalies following intracytoplasmic sperm injection", The Lancet, vol. 353, page 1240 1999				<input type="checkbox"/> Additional References sheet(s) attached	
Examiner					Date Considered		
*Examiner: Initial if reference is considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.							

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Docket No.: 263388US0PCT

STATEMENT OF RELEVANCY

- 1) References AO-AR have been cited in the International Search Report. Copies of these references are being submitted herewith only when not automatically provided by the International Searching Authority.
- 2) References \_\_\_\_\_ have been cited in the corresponding \_\_\_\_\_ Search Report. A copy of these references is being submitted herewith.
- 3) References AS-AY are discussed in the specification. A copy of these references is being submitted here with.
- 4) Reference AZ is additional prior art known to Applicant. A copy of this reference is being submitted herewith.